## INTERNATIONAL SEARCH REPORT

pational Application No

PCT/EP2004/001516 A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C01C3/02 B01J23/42 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) IPC 7 COIC BOIJ Documentation searched other than minimum documentation to the extent that such documents are included. In the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, PAJ, WPI Data, INSPEC, COMPENDEX, CHEM ABS Data C. DOCUMENTS CONSIDERED TO BE RELEVANT Chation of document, with Indication, where appropriate, of the relevant passages Relevant to claim No. US 3 658 471 A (NEUGEBAUER WALTER ET AL) 1-8 X 25 April 1972 (1972-04-25) column 1, line 58-65 column 1, line 74 -column 2, line 24 1-8 X DE 10 13 636 B (DEGUSSA) 14 August 1957 (1957-08-14) cited in the application column 1, line 22-24,44-54 column 2, line 43-54 7 US 5 767 036 A (HEINZ GERHARD ET AL) X 16 June 1998 (1998-06-16) example 11 DE 919 769 C (DEGUSSA) 1-8 X 4 November 1954 (1954-11-04) page 1, line 26 -page 2, line 115 Patent family members are listed in annex. Further documents are listed in the continuation of box C. ΧI Special categories of cited documents: "T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the \*A\* document defining the general state of the art which is not considered to be of particular relevance 'E' earlier document but published on or after the international "X" document of particular relevance; the claimed Invention filing date cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannol be considered to Involve an Inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled "O" document referring to an oral disclosure, use, exhibition or document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of mailing of the international search report Date of the actual completion of the international search 03/06/2004 5 May 2004 Authorized officer Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentiaan 2 NL - 2280 HV Rijswijk
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C.(Continua Category *	ation) DOCUMENTS CONSIDERED TO BE RELEVANT  Citation of document, with Indication, where appropriate, of the relevant passages	Relevant to claim No.
Category	Charlon of document, with indication, where appropriate, or the relevant passages	neigvant to Cairi No.
X	GB 958 784 A (LONZA ELECTRIC AND CHEMICAL WO) 27 May 1964 (1964-05-27) page 2, line 27-53; example 1	1-6
	·	
	·	

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## INTERNATIONAL SEARCH REPORT

Information on patent family members

PCT/EP2004/001516

Patent document cited in search report		Publication date	Patent family member(s)		Publication date .
3658471	Α	25-04-1972	DE	1767974 A1	07-10-1971
			ΑT	287012 B	11-01-1971
			BE	735705 A	16-12-1969
			CH	530937 A	30-11-1972
			FR	2014523 A5	17-04-1970
			GB	1269564 A	06-04-1972
			JP	48014560 B	08-05-1973
			NL	6908401 A ,B	08-01-1970
1013636	В	14-08-1957	NONE		
5767036	Α	16-06-1998	DE	19517598 C1	02-01-1997
0,0,00				183946 T	15-09-1999
				59602928 D1	07-10-1999
				743092 T3	27-03-2000
			EP	0743092 A1	20-11-1996
			JP	2880450 B2	12-04-1999
			JP	9017435 A	17-01-1997
919769	С	04-11-1954	NONE		
958784	Α	27-05-1964	СН	385175 A	15-12-1964
	1013636 5767036	1013636 B 5767036 A	1013636 B 14-08-1957 5767036 A 16-06-1998  919769 C 04-11-1954	Search report   Cate   Search report   Cate   Search report   AT   BE   AT   BE   CH   FR   GB   JP   NL   Search report   Search report   Cate   Search report   Cate   Cate	Sin search report   date   member(s)